IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

REVOCATION OF POWER OF ATTORNEY

Assistant Commissioner for Patents
Alexandria, VA 22313-1450

Dear Sir:

I am an officer of MACRONIX International Co., Ltd. authorized to act on behalf of MACRONIX International Co., Ltd., the assignee of the entire right, title and interest in the attached list of applications for patent. Evidences of these assignments are recorded in the Patent and Trademark Office as the enclosed list, Appendix A.

. I hereby revoke all previous powers of attorney to prosecute these applications and to transact all business connected therewith.

POWER OF ATTONEY

As an officer of the assignee of the entire right, title and interest in the above-referenced application for patent, I hereby appoint the following attorney(s) and/or Agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

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Appendix A

	Attorney Docket No.	TITLE	Filing Date	Appl. No.	Reel No.	Frame No.
1	10311-US-PA	METHOD FOR ELININATIONG POLYCIDE VOIDS THROUGH NITROGEN IMPLANTATION	2005/1/28	11/044,212	016047	0676
2	10496-US-PA	PVCS (PEER VERSION CONTROL SYSTEM)	2003/6/23	10/600700	014223	0556
3	11064-US-PA	CLEANING METHOD USING OZONE DI PROCESS	2003/12/10	10/731150	014785	0392
4	14744-US-PA	APPARATUS AND METHOD TO IMPROVE THE ERASE UNIFORMITY AND TEST MODE TO SCREEN MARGINAL CELLS IN AN NROM MEMORY ARRAY	2005/4/1	11/096,878	016092	0761
5	14994-US-PA	OPERATION METHODS FOR A NON-VOLATILE MEMORY CELL IN AN ARRAY	2007/9/17	11/856,457	016359	0831
6	15319-US-PA	METHOD OF FORMING ONO FOR NITRIDE FLASH MEMORY	2005/11/15	11/274,781	017235	0285
7	15319-US-PA-1	METHOD OF FORMING ONO FOR NITRIDE FLASH MEMORY	2007/9/19	11/964,322	017235	0285
8	15706-US-PA	METHOD TO FORM ONO AND DIFFUSION BIT LINES FOR NITRIDE NON-VOLATILE MEMORY	2005/8/23	11/209,875	017162	0766
9	15720-US-PA	THREE-DIMENSIONAL MEMORY DEVICES	2006/3/21	11/385,360	017832	0689
10	15937-US-PA	METHODS OF TRENCH AND CONTACT FORMATION IN MEMORY CELLS	2006/7/26	11/459,990	018386	0511

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	Attorney Docket No.	TITLE	Filing Date	Appl. No.	Reel No.	Frame No.
11	15954-US-PA	A PARTIAL SILICON-ON-INSULATOR STRUCTURE AND ITS FABRICATION METHOD	2006/5/18	11/383,973	018038	0797
12	15962-US-PA	NON-VOLATILE MEMORY CELLS AND METHODS OF MANUFACTURING THE SAME	2005/8/4	11/197,659	016520	0672
13	15963-US-PA	DIODE-LESS ARRAY FOR ONE-TIME PROGRAMMABLE MEMORY	2005/12/8	11/297,529	018067	0737
14	16279-US-PA	METHOD OF MANUFACTURING DUAL GATE MULTI-BIT SEMICONDUCTOR MEMORY BY USING POLYMER SHRINKED NANO-SPACE	2006/2/13	11/352,788	019284	0796
15	16343-US-PA	A METHOD TO PRODUCE HIGH VOLTAGE DEVICE	2005/12/16	11/303,176	017368	0066
16	16646-US-PA	DUAL GATE MULTI-BIT SEMICONDUCTOR MEMORY	2006/2/17	11/356,659	017481	0965
17	17610-US-PA	METHOD OF RESOLUTION IMPROVEMENT	2006/6/5	11/422,284	018060	0504
18	17845-US-PA	PATTERN REGISTRATION MARK DESIGNS FOR USE IN PHOTOLITHOGRAPHY AND METHODS OF USING THE SAME	2006/4/25	11/410,424	017837	0553
19	19109-US-PA	A SYSTEM FOR OPERATING A MEMORY DEVICE	2008/3/21	12/053,411	020686	0153
20	19110-US-PA	DECODING METHOD IN AN NROM FLASH MEMORY ARRAY	2006/9/25	11/534,696		

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	Attorney Docket No.	Title	Filing Date	Appl. No.	Reel No.	Frame No.
21	19681-US-PA	A Semiconductor Structure And Process For Reducing The Second Bit Effect Of A Memory Device	2007/4/10	11/786,078	019446	0496
22	21044-US-PA	A Method To Increase Gcr Of Virtual Ground Floating Gate Flash Memories	2006/5/12	11/383,073	017611	0588
23	21247-US-PA	Structure Of Magnetic Random Access Memory Using Spin-Torque Transfer Writing And Method For Manufacturing Same	2006/12/1	11/607,612	018734	0119
24	21370-US-PA	Cell Operation Methods Using Gate-Injection For Floating Gate Nand Flash Memory	2006/10/3	11/542,749	018651	0598
25	21566-US-PA	Side Lobe Image Searching Method In Lithography	2006/12/28	11/647,068	018885	0386
26	21567-US-PA	Spatial Energy Distribution By Slit Filter For Step-And-Scan System On Multiple Focus Exposure	2007/1/4	11/649,570	020122	0220
27	21706-US-PA	Resistance Random Access Memory	2007/1/19	11/656,246	019032	0090
28	21707-US-PA	A Non-Volatile Semiconductor Memory Device And A Method Of Fabricating A Nonvolatile Semiconductor Memory Device	2007/3/30	11/693,716	019095	0943
29	21830-US-PA	Inverted T-Shaped Floating Gate Memory And Method For Fabricating The Same	2008/2/22	12/036,196	020553	0422
30	27491-US-PA	Method Of Programming And Erasing A P-Channel Be-Sonos Nand Flash Memory	2006/5/5	11/381,760	017981	0223

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	Attorney Docket No.	TITLE	Filing Date	Appl. No.	Reel No.	Frame No.
31	27645-US-PA	LOADING DATA WITH ERROR DETECTION IN A POWER ON SEQUENCE OF FLASH MEMORY DEVICE	2006/10/5	11/538,844	018872	0505
32	27826-US-PA-0C	NEURAL NETWORK FOR DETERMINING AN ENDPOINT IN AN ETCH PROCESS	2006/12/27	11/646,205	020713	0648
33	27829-US-PA	DOUBLE EXPOSURE APPLICATION	2004/12/22	11/017,684	016123	0255
34	27830-US-PA	METHOD OF FORMING BOTTOM OXIDE FOR NITRIDE FLASH MEMORY	2005/9/27	11/235,786	016754	0907
35	27831-US-PA	ASYMMETRIC FLOATING GATE NAND FLASH MEMORY	2005/8/23	11/209,437	020871	0561
36	27832-US-PA	LOW-K SPACER STRUCTURE FOR THE FLASH MEMORY	2007/11/9	11/943,888	016826	0677
37	27833-US-PA	THE REFERENCE CELLS AUTO TRIMMING	2005/11/10	11/271,300	016968	0287
38	27834-US-PA	LAYOUT OF WORD LINE DRIVER WIDTH IS PERPENDICULAR TO ARRAY WORD LINE	2005/5/25	11/137,098	016292	0235
39	27835-US-PA	A NOVEL DOPING PROFILE TO IMPROVE THE INTEGRITY OF TWIN BIT CELL FLASH MEMORY	2005/8/22	11/209,145	017370	0912
40	27836-US-PA	MAP (MOBILE AUDIO PLATFORM) SYSTEM ARCHITECTURE	2005/9/15	11/227,380	016859	0311

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	Attorney Docket No.	TITLE	Filing Date	Appl. No.	Reel No.	Frame No.
41	27837-US-PA	METHOD OF FORMING AND OPERATING AN ASSISTED CHARGED NITRIDE-TRAP MEMORY DEVICE	2005/12/2	11/292,024	017249	0736
42	27838-US-PA	NEGATIVE CHARGE-PUMP WITH CIRCUIT TO ELIMINATE PARASITIC DIODE TURN-ON	2005/9/23	11/233,901	016775	0633
43	27839-US-PA	A LAYER DECODING SCHEME AND STRUCTURE FOR 3 DIMENSIONAL MEMORY	2006/3/21	11/385,061	017568	0352
44	27840-US-PA	MAP (MOBILE AUDIO PLATFORM) DOWNLOAD SCHEME	2005/9/15	11/226,987	016838	0129
45	27841-US-PA	BACKGROUND SOUND MIXER	2005/9/15	11/227,621	016842	0445
46	27842-US-PA	INTERFACE FOR A REMOVABLE ELECTRONIC DEVICE AND METHOD THEREOF	2005/9/15	11/227,622	016838	0554
47	27843-US-PA	METHOD FOR REFRESHING A FLASH MEMORY	2006/6/8	11/449,361	018152	0268
48	27844-US-PA	METHODS OF ETCHING STACKS HAVING METAL LAYERS AND HARD MASK LAYERS	2006/5/9	11/382,401	017974	0192
49	27845-US-PA	PLASMA ETCHING METHODS USING NITROGEN MEMORY SPECIES FOR SUSTAINING GLOW DISCHARGE	2006/2/22	11/359,787	017881	0520
50	27846-US-PA	PRESSURE CALIBRATION	2006/4/21	11/409,127	017806	0648

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51	27847-US-PA	NON-VOLATILE MEMORY CELLS HAVING A POLYSILICON-CONTAINING, MULTI-LAYER INSULATING STRUCTURE, MEMORY ARRAYS INCLUDING THE SAME AND METHODS OF OPERATING THE SAME	2006/10/27	11/588,830	018730	0493
52	27848-US-PA	NVM CELLS HAVING OXIDE/NITRIDE MULTI-LAYER INSULATING STRUCTURES AND METHODS OF OPERATING THE SAME	2007/1/3	11/649,348	019275	0661
53	27850-US-PA	A HIGH SECOND BIT OPERATION WINDOW METHOD FOR NAND ARRAY WITH TWO-BIT MEMORY CELLS	2008/2/22	12/035,786	020548	0088
54	27851-US-PA	METHOD OF IMPROVING OVERLAY PERFORMANCE IN SEMICONDUCTOR MANUFACTURE	2006/12/11	11/636,927	018707	0922
55	27852-US-PA	FLASH MEMORY ARRAY ARCHITECTURE	2008/1/4	11/969,812	020703	0987
56	27853-US-PA	PROGRAMMING SCHEME FOR NON-VOLATILE FLASH MEMORY	2006/12/11	11/636,920	018833	0415
57	27854-US-PA	MEMORY SYSTEM AND A VOLTAGE REGULATOR	2007/3/30	11/693,712	019088	0615
58	27855-US-PA	FLASH MEMORY WITH 4-BIT MEMORY CELL AND METHOD FOR FABRICATING THE SAME	2007/6/8	11/760,646	019618	0951
59	27856-US-PA	NON-VOLATILE MEMORY WITH IMPROVED ERASING OPERATION	2007/2/7	11/703,916	018983	0446
60	27857-US-PA	MEMORY CHIP WITH WRITE LOCK-DOWN FEATURE	2007/9/28	11/863,254	019893	0119

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	Attorney Docket No.	TITLE	Filing Date	Appl. No.	Reel No.	Frame No.
61	27858-US-PA	MULTI-LEVEL-CELL TRAPPING DRAM	2007/6/11	11/761,344	020285	0331
62	27859-US-PA	INVERTED T-SHAPED FLOATING GATE MEMORY AND METHOD FOR FABRICATING THE SAME	2007/11/16	11/941,813	020128	0727
63	27861-US-PA	METHOD FOR PERFORMING OPERATIONS ON A MEMORY CELL	2007/11/22	11/945,181	020154	0578
64	27863-US-PA	METHOD OF FABRICATING INTEGRATED CIRCUIT WITH SMALL PITCH	2007/8/29	11/846,900	019762	0485
65	27864-US-PA	PATTERNING STRUCTURE AND METHOD FOR SEMICONDUCTOR DEVICES	2007/11/21	11/943,900	020146	0176
66	27866-US-PA	A MASK FOR CONTROLLING LINE END SHORTENING AND CORNER ROUNDING ARISING FROM PROXIMITY EFFECTS	2008/1/9	11/971,900	020350	0108
67	21938-US-PA	MEMORY DEVICES	2008/6/13	12/139,418	021097	0746
68	27867-US-PA	METHOD AND SYSTEM FOR MANUFACTRUING OPENING ON SEMICONDUCTOR DEVICES	2008/6/20	12/143,730	021132	0465
69	28720-US-PA	TWO-BITS PER CELL NOT-AND GATE (NAND) NITRIDE TRAP MEMORY	2008/5/19	12/123,302	016676	0338